

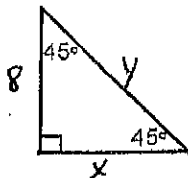
Name \_\_\_\_\_

Date \_\_\_\_\_

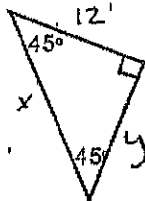
## Special Right Triangles

Find  $x$  and  $y$  for each triangle. Make your own chart to help with the pattern.

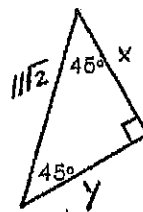
1. \_\_\_\_\_



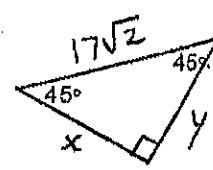
2. \_\_\_\_\_



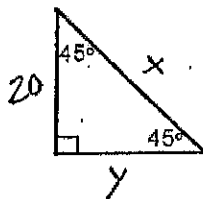
3. \_\_\_\_\_



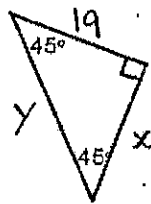
4. \_\_\_\_\_



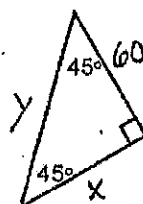
5. \_\_\_\_\_



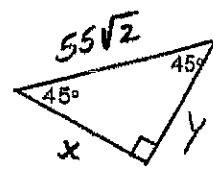
6. \_\_\_\_\_



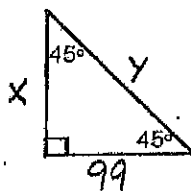
7. \_\_\_\_\_



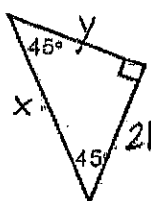
8. \_\_\_\_\_



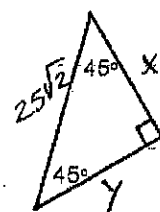
9. \_\_\_\_\_



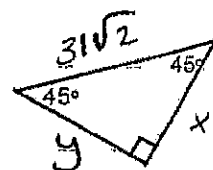
10. \_\_\_\_\_



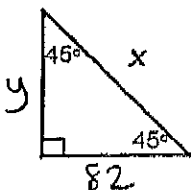
11. \_\_\_\_\_



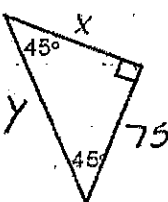
12. \_\_\_\_\_



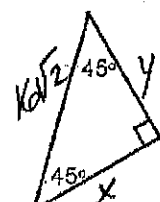
13. \_\_\_\_\_



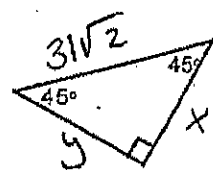
14. \_\_\_\_\_



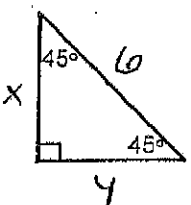
15. \_\_\_\_\_



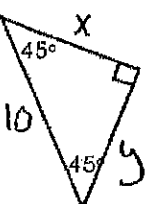
16. \_\_\_\_\_



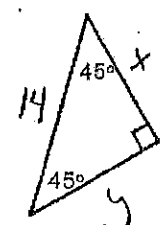
\* 17. \_\_\_\_\_



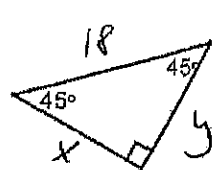
18. \_\_\_\_\_



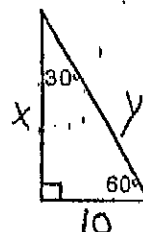
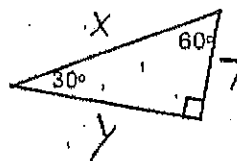
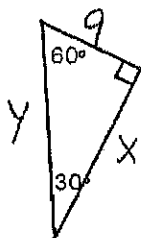
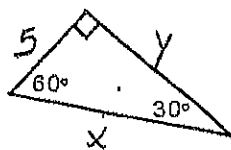
19. \_\_\_\_\_



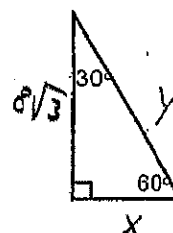
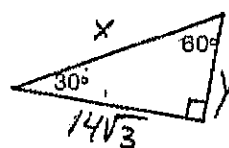
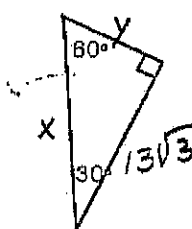
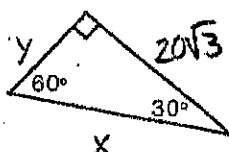
20. \_\_\_\_\_



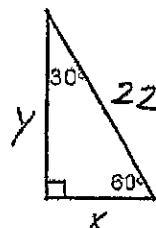
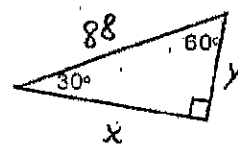
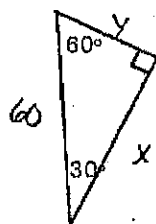
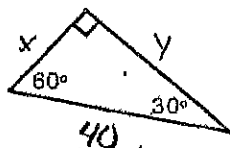
21. \_\_\_\_\_ 22. \_\_\_\_\_ 23. \_\_\_\_\_ 24. \_\_\_\_\_



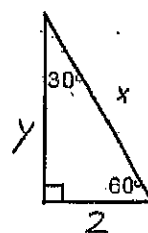
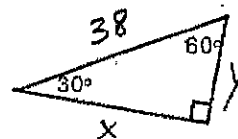
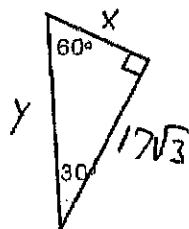
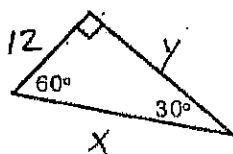
25. \_\_\_\_\_ 26. \_\_\_\_\_ 27. \_\_\_\_\_ 28. \_\_\_\_\_



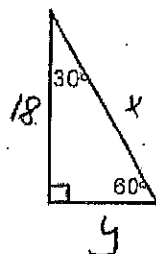
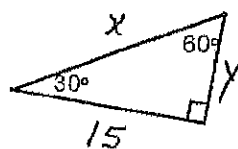
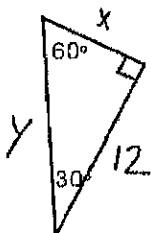
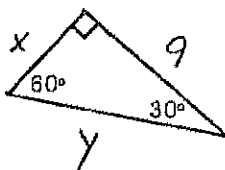
29. \_\_\_\_\_ 30. \_\_\_\_\_ 31. \_\_\_\_\_ 32. \_\_\_\_\_



33. \_\_\_\_\_ 34. \_\_\_\_\_ 35. \_\_\_\_\_ 36. \_\_\_\_\_



\* 37. \_\_\_\_\_ 38. \_\_\_\_\_ 39. \_\_\_\_\_ 40. \_\_\_\_\_



Name \_\_\_\_\_

Date \_\_\_\_\_

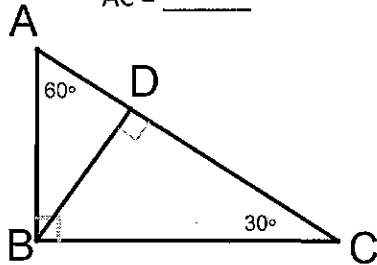
## 202 7.3 worksheet #2 (Extra Practice)

1.  $BD = 5\sqrt{3}$

$AB = \underline{\hspace{2cm}}$

$DC = \underline{\hspace{2cm}}$

$AC = \underline{\hspace{2cm}}$

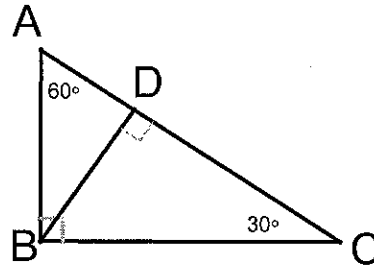


2.  $BD = 12$

$AB = \underline{\hspace{2cm}}$

$BC = \underline{\hspace{2cm}}$

$AC = \underline{\hspace{2cm}}$

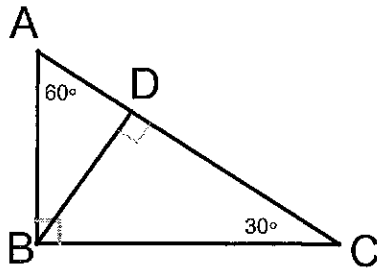


3.  $AC = 12$

$AB = \underline{\hspace{2cm}}$

$DB = \underline{\hspace{2cm}}$

$BC = \underline{\hspace{2cm}}$

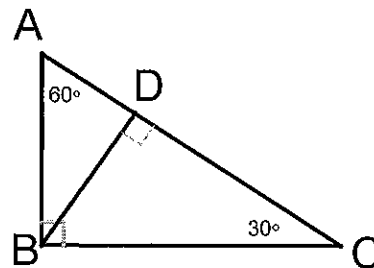


4.  $CD = 15$

$AB = \underline{\hspace{2cm}}$

$BC = \underline{\hspace{2cm}}$

$AC = \underline{\hspace{2cm}}$



5. The length of the altitude of an equilateral triangle is 18. Find the perimeter of the triangle.

6. The perimeter of a square is 40 cm. What is the length of the diagonal?

7. Find the perimeter of the trapezoid. Round to the nearest tenth.

